

10 CSB Corner Subwoofer

Atlantic has cornered the subwoofer market

You want great bass. You don't want to see the subwoofer. You don't want to cut your walls. Think all is lost? Well, now you're a winner with Atlantic's In-Corner Subwoofers.

This new model, the 10 CSB, utilizes a super heavy-duty driver that can really pump out the bass. It's shaped to snug unobtrusively right into the corner, out of sight, but definitely not out of ear! Corner-mounting the sub actually reinforces the bass, in addition to hiding the sub. The days of the "ugly box" sub are gone forever—and no walls to cut!

No quality home theater or music system is complete without the ability to effortlessly reproduce the last one-and-a-half octaves of sound—the deep bass. A powered subwoofer provides the deep bass that adds drama to the action scenes in a movie and makes music come alive. Clean, powerful deep bass is what separates a great sound system from a merely good one.

Atlantic subwoofers use the same design approach in all our subs—from low-priced to high—to produce consistently realistic, convincing bass effects. Our subs vary in how loud they'll play and what size room they're most suited to. But our **quality** doesn't vary. Big room or small, from loud to soft, the sound quality of an Atlantic Technology subwoofer is always top-notch.

Our subwoofers include powerful low-distortion amplifiers and low-resonance, long-throw drivers, housed in a heavily-braced, non-resonant sealed box enclosure. We have chosen this "acoustic suspension" approach because it ensures



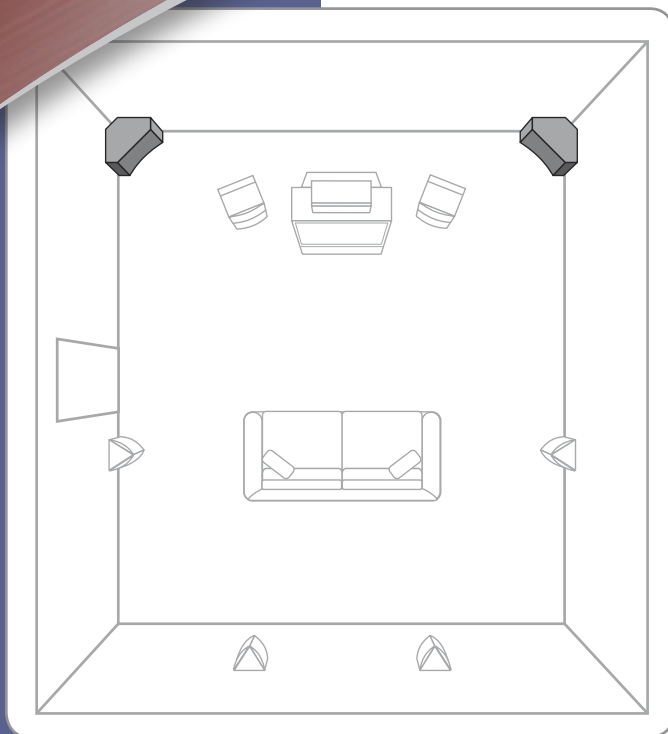
smooth, uniform bass all the way down to the lowest audible frequencies with no unwanted peaks or dips. It does not hype any frequency and it never falls into the trap of substituting loud, muddy "one note" bass in place of accurate, extended, natural response.

But Atlantic doesn't stop there. We have developed an exclusive design feature called Clear Filter Technology™ that assures clean, articulate, musical bass reproduction at all times, regardless of how loud you play our subs. Lots of companies have "limiters," "feedback loops" or other distortion-reducing circuits to prevent audible degradation of the sound at high volumes. These work fine as far as they go, but they don't go far enough. In addition to conventional distortion-reduction methods, Atlantic has incorporated special circuitry into the subwoofer amplifier that actually eliminates the deleterious effects that the enclosure itself has on the sound. That's why other subwoofers, regardless of their power ratings or their limiters, can't match the sound of an Atlantic subwoofer for detail and musical accuracy. CFT™ was initially developed for our award-winning \$20,000 System 8200, but this benefit can now be found in all Atlantic subwoofers, regardless of price.



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The Atlantic Technology powered subwoofer has been engineered using the latest technology and finest components available.



High-Performance Driver – Long-throw composite cone driver with vented motor structure and oversized, high temperature voice coil. This powerful driver has a very stiff cone that acts like a piston throughout its operating range. The massive motor assembly and high temperature component parts deliver exceptional performance and reliability.

Sealed Enclosure Design – Sealed enclosure woofer designs are inherently low in distortion, and deliver deep smooth bass response with a gradual and predictable roll-off below resonance. As with all Atlantic Technology subwoofers, we have paid close attention to providing accurate musical bass reproduction along with terrific special effects.

High-Current Amplifier – The output stage of this amplifier is capable of very high current delivery for exceptional driver control and cool operation. It has been precision matched and equalized to our rugged driver.

Together they deliver powerful, controlled bass with great articulation and authority, with a useful in-room working frequency range of 25Hz to 150Hz.

Adjustable (40Hz to 140Hz)@18dB per Octave Low Pass Crossover – The steep upper end roll-off slope of 18dB per octave allows for much better bass integration with the satellite speakers while making the woofer less localizable.

Complete Hookup Flexibility – The subwoofer has low-level inputs; a Y-adapter is included to allow daisy-chaining or to split the receiver/processor's output to drive multiple subs. There are also high-level inputs and outputs which include high-pass filtering tailored for use with Atlantic satellites.

Phase Invert Switch – This switch allows precise acoustic matching with satellite speaker systems whose output may be phase reversed. This switch also allows you to compensate for unusual room acoustics that may occur when the woofer is physically separated from the main speakers.

Automatic Standby Operation with LED Indicator
Automatic standby features signal sensing turn-on with a 7-10 minute turn-off delay. There's a multi-color LED status indicator that lets you know when the unit is on or in standby. Automatic Standby can be defeated by placing the rear-mounted switch in the ON position.

Specifications

10 CSB	
Type/Features	Powered sub High current amplifier
Bass Driver	10" (254mm) long-throw, down-firing
Output Power	180W RMS
Distortion (amplifier)	<0.5%
Frequency Response	30Hz – 250Hz ± 3 dB
Low Level (line) Input	20k Ohms
High Level Input	100 Ohms
Peak Output	106dB SPL into 2000 ft ³
Dimensions (WxHxD)	22 x 19½ x 12 in (559 x 496 x 305mm)
Weight	32 lbs (15 kg)
Power Requirements	110-120/220-240V, 50/60Hz